

CLAIMS

1. A method for calibrating voltage sensors in a switchboard, said switchboard comprising a circuit breaker, a first voltage sensor at busbar level, a second voltage sensor on one of the sides of the circuit breaker, a communication bus and a first electronic device, characterized by the following steps:
  - i. performing a measurement using said first voltage sensor;
  - ii. transmitting an information derived from said measurement to said electronic device, through said communication bus;
  - iii. using said information to calibrate said second voltage sensor.
- 10 2. A method according to claim 1, characterized in that said first voltage sensor is a voltage transformer.
3. A method according to any of the previous claims, characterized in that said second voltage sensor is a capacitive sensor.
4. A method according to any of the previous claims, characterized in that said second voltage sensor is on the load side of said circuit breaker.
- 15 5. A method according to any of the previous claims, characterized in that first said electronic device is on-board said circuit breaker.
6. A method according to any of the previous claims, characterized in that said switchboard further comprises a plurality of electronic devices and a plurality of circuit breakers.
- 20 7. A method according to claim 6, characterized in that said information derived from said measurement is transmitted from said first electronic device to any of said plurality of electronic devices.
8. A method according to claim 7, characterized in that at least a part of said plurality of electronic devices is on-board of at least a part of said plurality of circuit breakers.
- 25